

# Mobile Tank Cleaning System MTC-500

The MTC-500 is a three stage, industrial Mobile Tank Cleaning System to recondition, stabilize and decontaminate oil, hydraulic fluids and diesel fuel. It efficiently removes water, sludge, particulate and sediment that naturally accumulate in tanks. The MTC-500 excels in **low operating cost** and **compact design**. This high performance machine is shipped complete and “Ready to Go”.



- Stage 1:** The separator / coalescer removes water and particulate that are easily drained by opening the valve on the bottom.
- Stage 2:** The ALGAE-X® Fuel Conditioner reconditions and stabilizes the fuel, reversing the process of fuel deterioration and buildup of tank sludge.
- Stage 3:** The industrial type water block fine filter removes emulsified water and very fine solids down to 3 microns.

<b>MTC-500</b>	
<b>Pump Rate</b>	8 gpm 480 gph
Self priming rotary vane pump, integrated, adjustable bypass valve	
<b>Viscosity</b>	Up to 500 cSt
<b>Discharge Pressure</b>	Adjustable, up to 80 PSI
<b>Ports / Quick Disconnect</b>	1" & 3/4"
<b>Clear Vacuum Suction Hose</b>	1", 25ft
<b>Flexible HP Discharge Hose</b>	3/4", 25ft
<b>Motor *</b>	115V / 230V
EN & CE approved Requires single phase 20A circuit	
<b>LG-X Model</b>	1500
<b>Weight</b>	140 lbs
<b>Dimensions (H x W x D)</b>	48" x 22.5" x 25"
<b>Separator</b>	Maintenance free, centrifugal water separator / coalescer
<b>Spin-on filter</b>	Water block filter: 3 or 10 mic. Fine filter: 3, 10, or 25 micron

\* Not for use with fluids that have a flash point below 100°F (e.g. Gasoline, ...)

**ALGAE-X® MTC Systems** are built with **industrial quality components** mounted on a **heavy-duty aluminum cart**. The clear suction hose shows flow and clarity. A large drip tray is designed to prevent spillage. **Fuel and Oil can be polished without using any consumables** by connecting the discharge hose to the quick disconnect bypassing the filter. A **pressure gauge** is installed on the spin-on filter head to ensure **optimal filter usage**. The vacuum gauge monitors the water separator's condition and the Y-Strainer protects the pump.

**ALGAE-X® Fuel Catalyst (AFC-705)** The use of **AFC-705 is an essential part of any tank cleaning procedure**, to more rapidly and efficiently decontaminate and clean the **entire fuel system**. AFC-705 removes sludge, slime and bio-fouling from tank walls and baffles that can't be reached with the suction line. **AFC-705 is a full spectrum fuel additive** containing combustion catalyst, surfactant, detergent, dispersant, corrosion inhibitor, lubricity enhancers and fuel stabilizer that **eliminates the need for expensive toxic biocides**.

Larger capacity fuel polishing and tank cleaning systems are available.

## ALGAE-X® Total Fuel Management Systems